

Refine Search

Search Results -

Terms	Documents
L1 and ((sav\$3 or stor\$3) near10 context)	42

Database:

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L3

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DB=PGPB,USPT,USOC; PLUR=YES; OP=OR

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result set

<u>L3</u>	L1 and ((sav\$3 or stor\$3) near10 context)	42	<u>L3</u>
<u>L2</u>	L1 same ((sav\$3 or stor\$3) near10 context)	8	<u>L2</u>
<u>L1</u>	((mobile or portable) adj1 computer) same (base or dock\$3)	3750	<u>L1</u>

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
L3	0

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Search:

L4

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DB=EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR

L4 L3

0 L4

DB=PGPB,USPT,USOC; PLUR=YES; OP=OR

L3 L1 and ((sav\$3 or stor\$3) near10 context)

42 L3

L2 L1 same ((sav\$3 or stor\$3) near10 context)

8 L2

L1 ((mobile or portable) adj1 computer) same (base or dock\$3)

3750 L1

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
(361/683 361/684 361/685 361/686 710/300 710/301 710/302 710/303 710/304 710/104 712/228 713/1 713/2 713/100).ccls.	10689

Database:

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Search:

L1

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DATE: Thursday, October 13, 2005 [Printable Copy](#) [Create Case](#)**Set Name Query**

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L1 710/300-304,104;712/228;713/1,2,100;361/683-686.ccls.**Hit Count Set Name**

result set

10689 L1

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
L1 and L3	14

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result set

<u>L4</u>	11 and L3	14	<u>L4</u>
<u>L3</u>	L2 same context	51	<u>L3</u>
<u>L2</u>	((mobile or portable) adj1 computer) same (base or dock\$3)	3750	<u>L2</u>
<u>L1</u>	710/300-304,104;712/228;713/1,2,100;361/683-686.ccls.	10689	<u>L1</u>

END OF SEARCH HISTORY

EAST - [Untitled1:1]

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 L1: (2266) ((mobile or
 L2: (18) 11 and ((sav\$3
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USPAT ☒ Plurals
 Default operator: ☒ Highlight all hit terms initially

11 and ((sav\$3 or etor\$3) near10 context)

	U	I	Document ID	Issue Dat	Pages	Title	Current OR	Current X
1	<input type="checkbox"/>	<input type="checkbox"/>	US 6847610 B1	20050125	17	Method for optimizing data transmission in a	370/230.1	370/352; 370/468
2	<input type="checkbox"/>	<input type="checkbox"/>	US 6845378 B1	20050118	31	Integrated data bank combining svstem	707/101	707/1; 707/100;
3	<input type="checkbox"/>	<input type="checkbox"/>	US 6735272 B1	20040511	10	Method and system for a customized patient repo	378/4	378/37; 378/62
4	<input type="checkbox"/>	<input type="checkbox"/>	US 6549968 B1	20030415	7	Context transferring between portable comout	710/303	712/228
5	<input type="checkbox"/>	<input type="checkbox"/>	US 6510383 B1	20030121	14	Vehicular route optimization svstem and	701/209	340/993; 701/200;
6	<input type="checkbox"/>	<input type="checkbox"/>	US 6393386 B1	20020521	49	Dynamic modeling of complex networks and pr	703/25	370/254; 703/27;
7	<input type="checkbox"/>	<input type="checkbox"/>	US 6202060 B1	20010313	48	Data management system	707/3	707/104.1
8	<input type="checkbox"/>	<input type="checkbox"/>	US 6157935 A	20001205	52	Remote data access and management svstem	715/503	382/187
9	<input type="checkbox"/>	<input type="checkbox"/>	US 6105119 A	20000815	188	Data transfer circuitry DSP wrapper	711/219	710/110
10	<input type="checkbox"/>	<input type="checkbox"/>	US 6054990 A	20000425	35	Computer system with handwriting annotation	715/863	345/179; 396/313;
11	<input type="checkbox"/>	<input type="checkbox"/>	US 6043826	20000328	10	Transferring outline	345/467	345/468;



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» Key

IEEE JNL IEEE Journal or Magazine

IEEE JNL. IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

Select Article Information

- ☐ 1. **Temporal coordination of perceptual algorithms for mobile robot navigation**
 Arkin, R.C.; MacKenzie, D.;
 Robotics and Automation, IEEE Transactions on
 Volume 10, Issue 3, June 1994 Page(s):276 - 286
 Digital Object Identifier 10.1109/70.294203
[AbstractPlus](#) | Full Text: [PDF](#)(1356 KB) IEEE JNL.
- ☐ 2. **The Network Vehicle-a glimpse into the future of mobile multi-media**
 Lind, R.; Schumacher, R.; Reger, R.; Olney, R.; Yen, H.; Laur, M.; Freeman, R.;
 Aerospace and Electronic Systems Magazine, IEEE
 Volume 14, Issue 9, Sept. 1999 Page(s):27 - 32
 Digital Object Identifier 10.1109/62.793450
[AbstractPlus](#) | Full Text: [PDF](#)(724 KB) IEEE JNL.
- ☐ 3. **Mobile agents: the next generation in distributed computing**
 Gray, R.; Kotz, D.; Nog, S.; Rus, D.; Cybenko, G.;
 Parallel Algorithms/Architecture Synthesis, 1997. Proceedings. Second Aizu International Symposium
 17-21 March 1997 Page(s):8 - 24
 Digital Object Identifier 10.1109/AISPAS.1997.581620
[AbstractPlus](#) | Full Text: [PDF](#)(1176 KB) IEEE CNF
- ☐ 4. **The role of vision for underwater vehicles**
 Santos-Victor, J.; Sentieiro, J.;
 Autonomous Underwater Vehicle Technology, 1994. AUV '94., Proceedings of the 1994 Symposium on
 19-20 July 1994 Page(s):28 - 35
 Digital Object Identifier 10.1109/AUV.1994.518603
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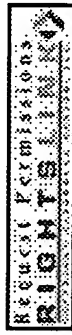
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Mobile agents: the next generation in distributed computing

Gray, R., Koltz, D., Nog, S., Rus, D., Oshetko, G.

Dept. of Comput. Sci., Dartmouth Coll., Hanover, NH, USA;

This paper appears in: **Parallel Algorithms/Architecture Synthesis, 1997. Proceedings. Second Alzu International Symposium**

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Location: Alzu-Wakamatsu

INSPEC Accession Number: 5540490

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Posted online: 2002-08-06 21:27:41.0

Abstract

Mobile agents are programs that can move through a network under their own control, migrating from host to host and interacting with other agents and resources on each. We argue that these **mobile**, autonomous agents have the potential to provide a convenient, efficient and robust programming paradigm for distributed applications, particularly when partially connected **computers** are involved. Partially connected **computers** include **mobile computers** such as laptops and personal digital assistants as well as modem connected home **computers**, all of which are often disconnected from the network. We describe the design and implementation of our **mobile agent system**, Agent Tcl, and the specific features that support **mobile computers** and disconnected operation. These features include network sensing tools and a **docking system** that allows an agent to transparently move between **mobile computers**, regardless of when the **computers** connect to the network

Index Terms:

Inspec

Controlled Indexing

[authoring languages](#) [parallel programming](#) [portable computers](#)

Non-controlled Indexing

[Agent Tcl](#) [disconnected operation](#) [distributed applications](#) [distributed computing](#) [docking system](#) [laptops](#) [mobile agent system](#) [mobile autonomous agents](#) [mobile computers](#) [modem connected home computers](#) [network sensing tools](#) [next generation](#) [partially connected computers](#) [personal digital assistants](#) [robust programming paradigm](#)

Author Keywords

Not Available

References

No references available on IEEE Xplore.

Citing Documents

- 1 A framework for linking distributed simulations using software agents, Wilson, L.F.; Burroughs, D.J.; Kumar, A.; Sucharitlaves, J. *Proceedings of the IEEE*
On page(s): 186-200, Volume: 89, Issue: 2, Feb 2001
Abstract | Full Text: PDF (192)

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